

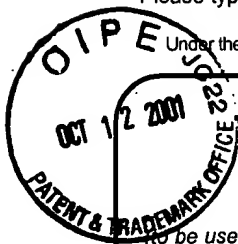
Please type a plus sign (+) inside this box → ☐

PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number	09/682,076		
	Filing Date	July 17, 2001	
	First Named Inventor	Shantanu V. Kaushikkar	
	Group Art Unit	1743	
	Examiner Name	Unknown	
Total Number of Pages in This Submission	14	Attorney Docket Number	3351.3

ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input checked="" type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) Remarks	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Letter to Chief Draftsperson
---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

RECEIVED
OCT 19 2001
Technology Center 2600

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Alan B. Sherr
Signature	<i>Alan B. Sherr</i>
Date	October 9, 2001

RECEIVED

OCT 17 2001

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date: <u>October 9, 2001</u>			
Typed or printed name	Gilda T. Carr		
Signature	<i>Gilda T. Carr</i>	Date	October 9, 2001

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



#2

File No. 3351.3

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Kaushikkar, et al

Application No.: 09/682,076

Filed: July 17, 2001

For: System, Method, and Computer Software
Product for Grid Alignment of Multiple
Scanned Images

Examiner: Unknown

Art Unit: 1743

LETTER TO CHIEF
DRAFTSPERSON

Assistant Commissioner of Patents
Washington, D.C. 20231

Sir:

Applicant submits twelve (12) sheets of formal drawings to be made of record in
the above-identified application.

Respectfully submitted,

Alan B. Sherr
Reg. No. 42,147

10/9/01
Date

Affymetrix, Inc.
3380 Central Expressway
Santa Clara, California 95051
Tel: (408) 731-5000
Fax: (408) 731-5932

RECEIVED
OCT 17 2001
TC 1700

RECEIVED
OCT 19 2001
Technology Center 2600

FIG. 1

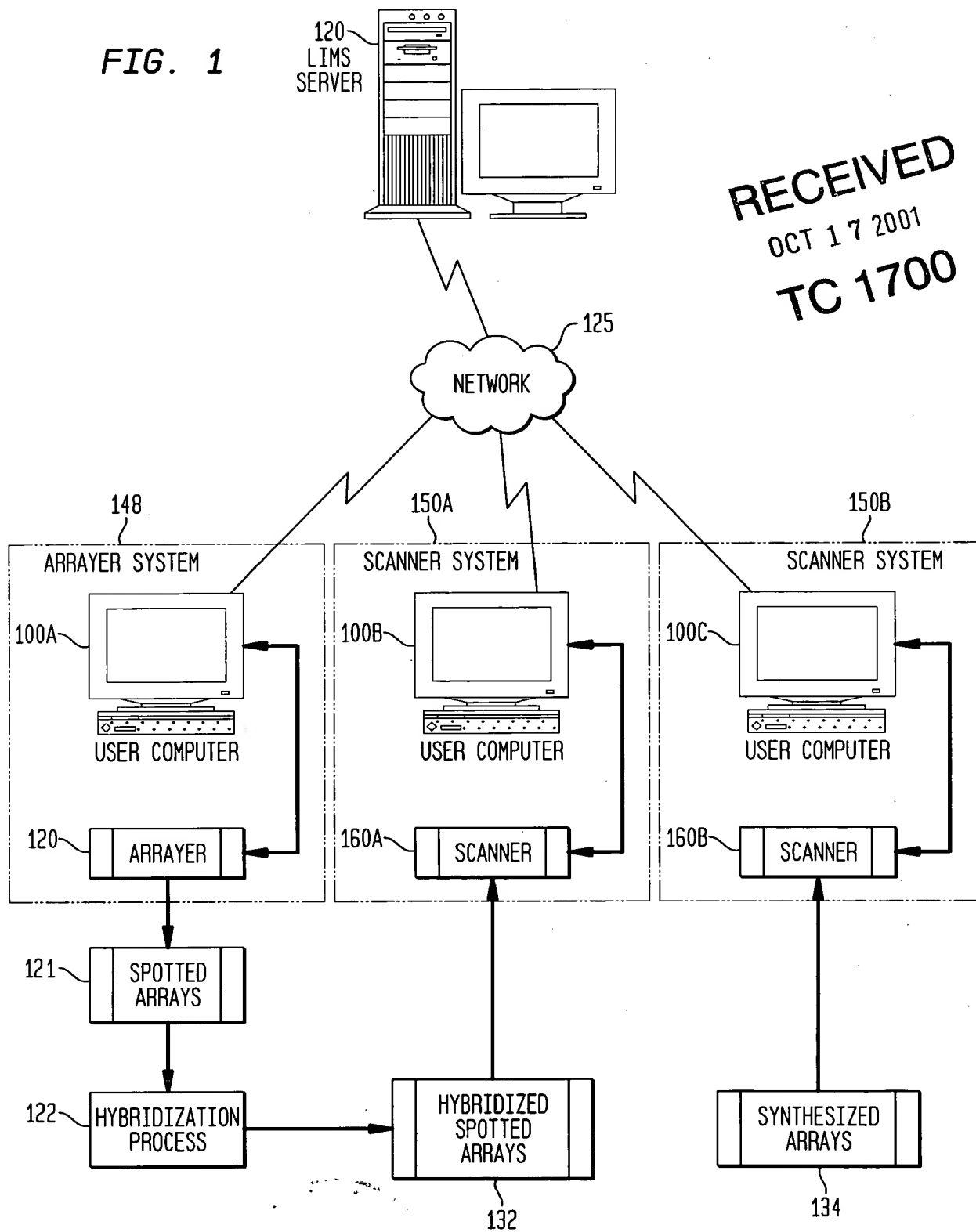


FIG. 2

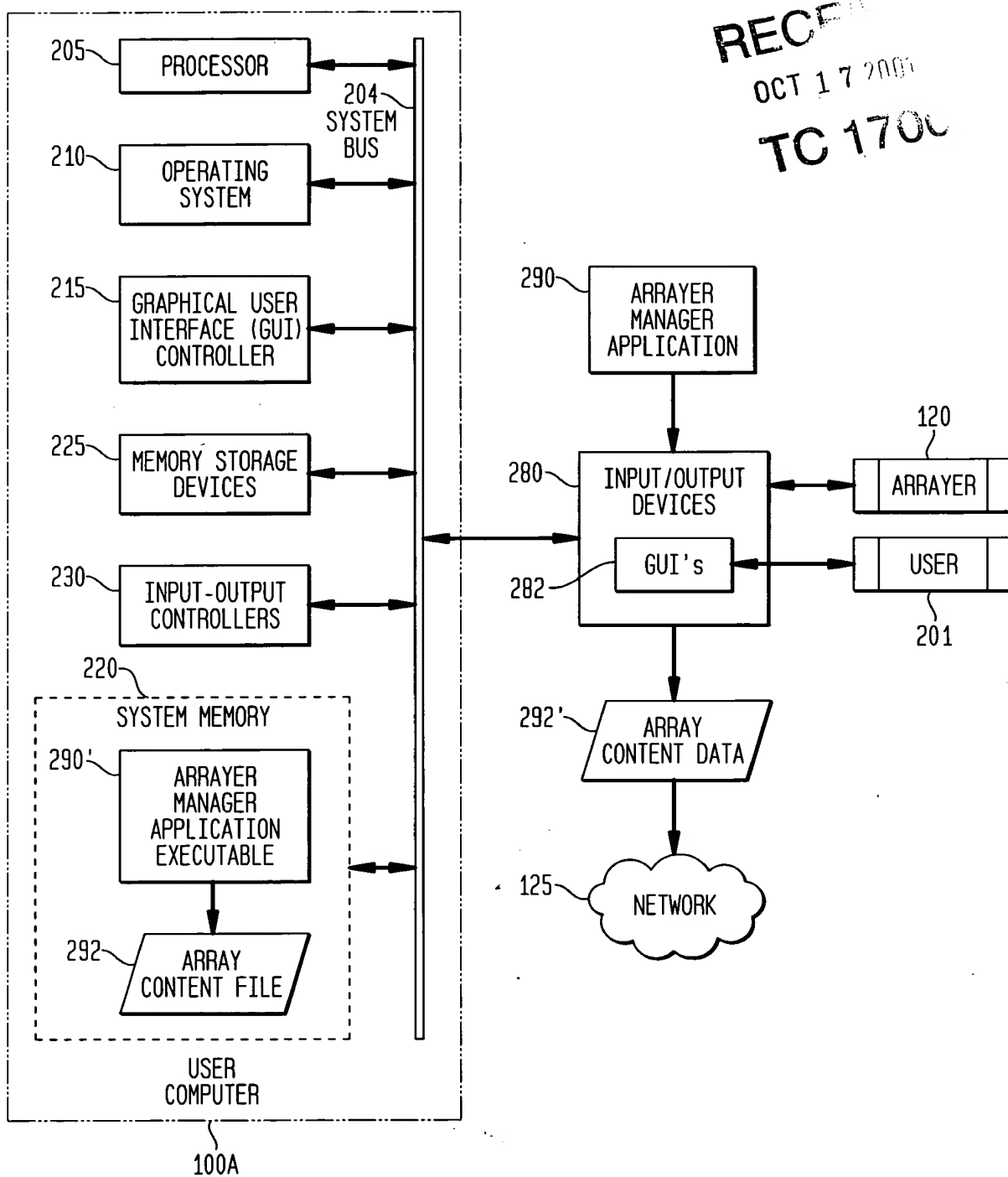


FIG. 3A

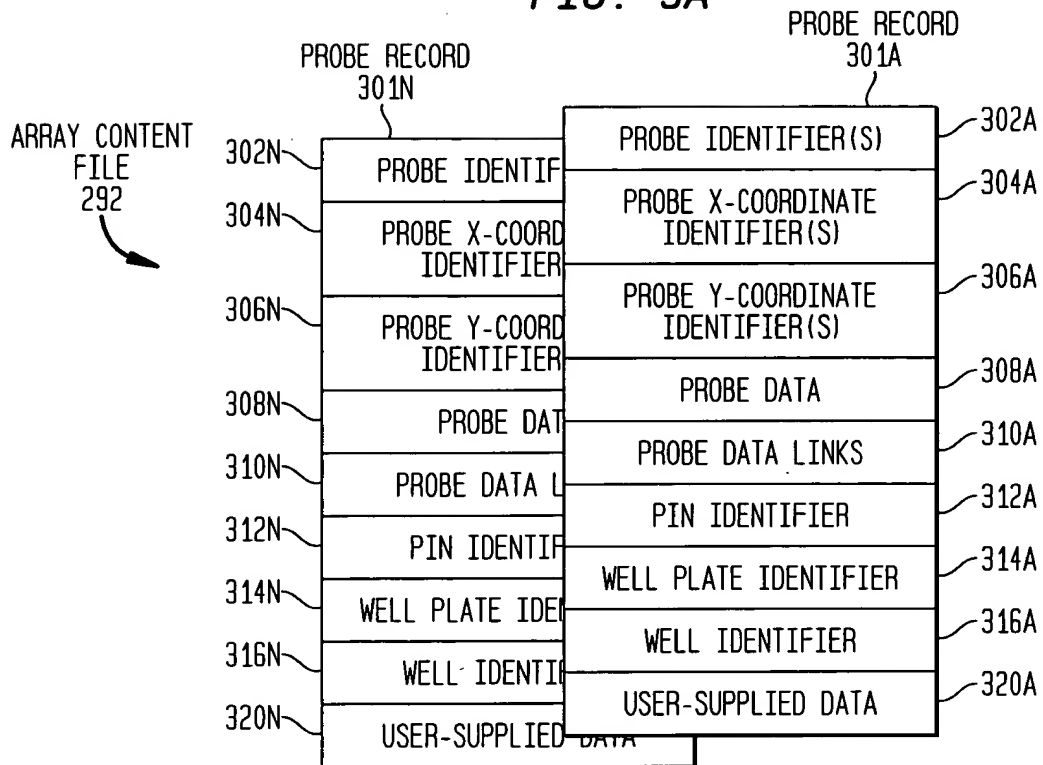


FIG. 3B

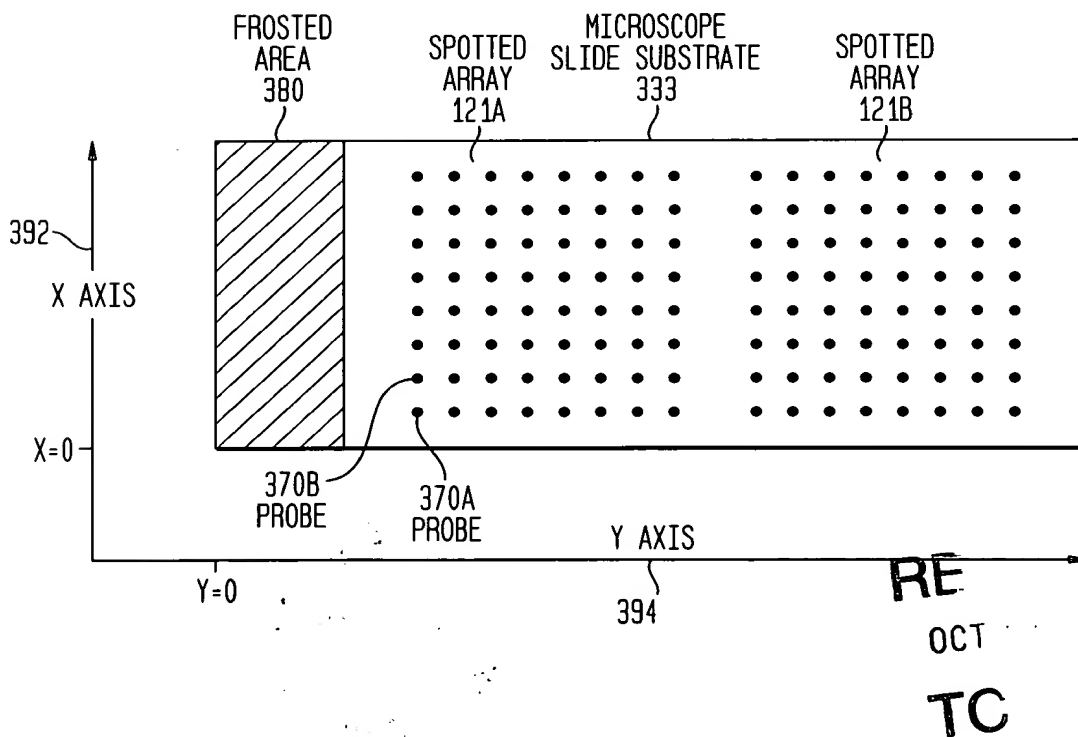
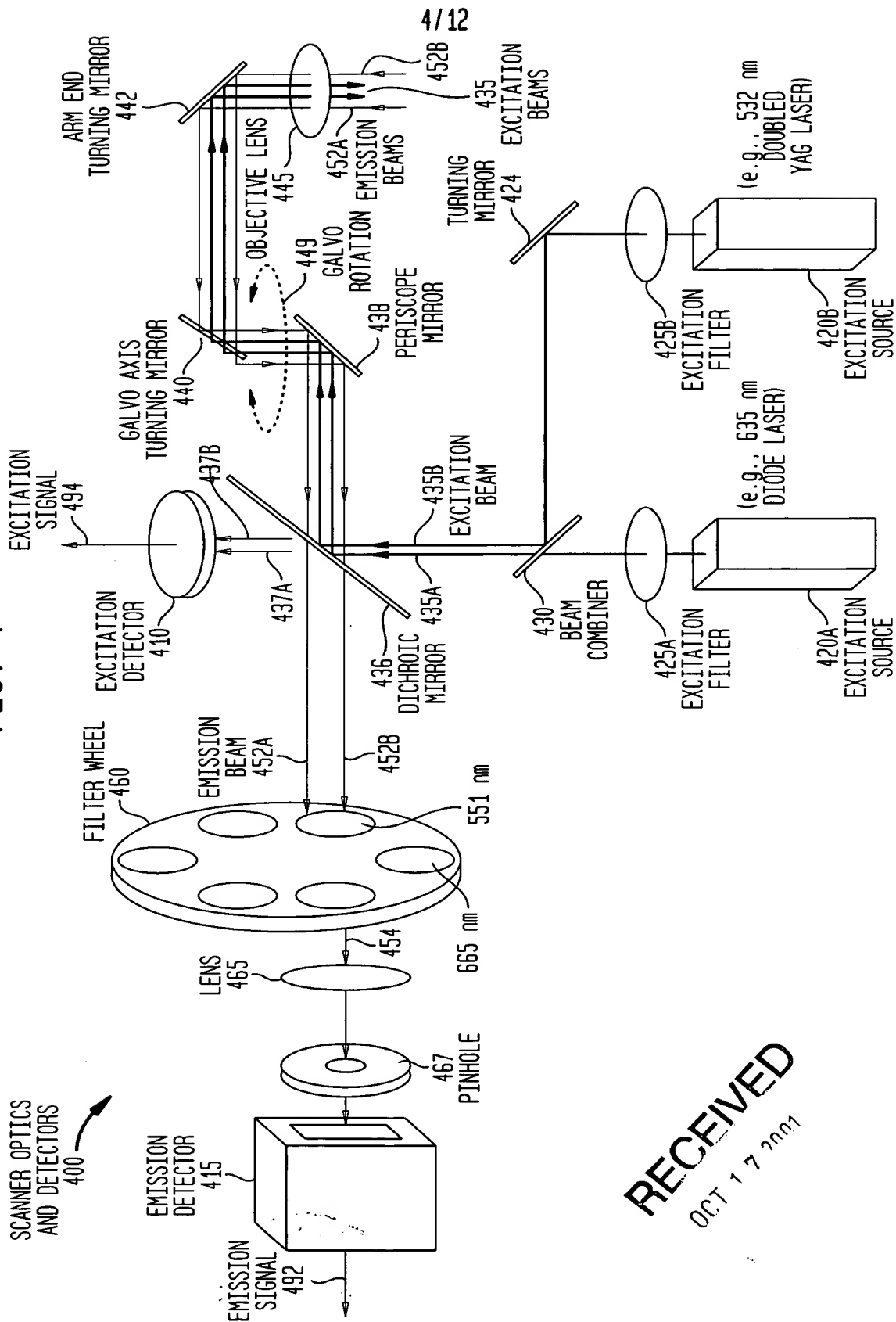


FIG. 4



RECEIVED
OCT 17 2001

5/12

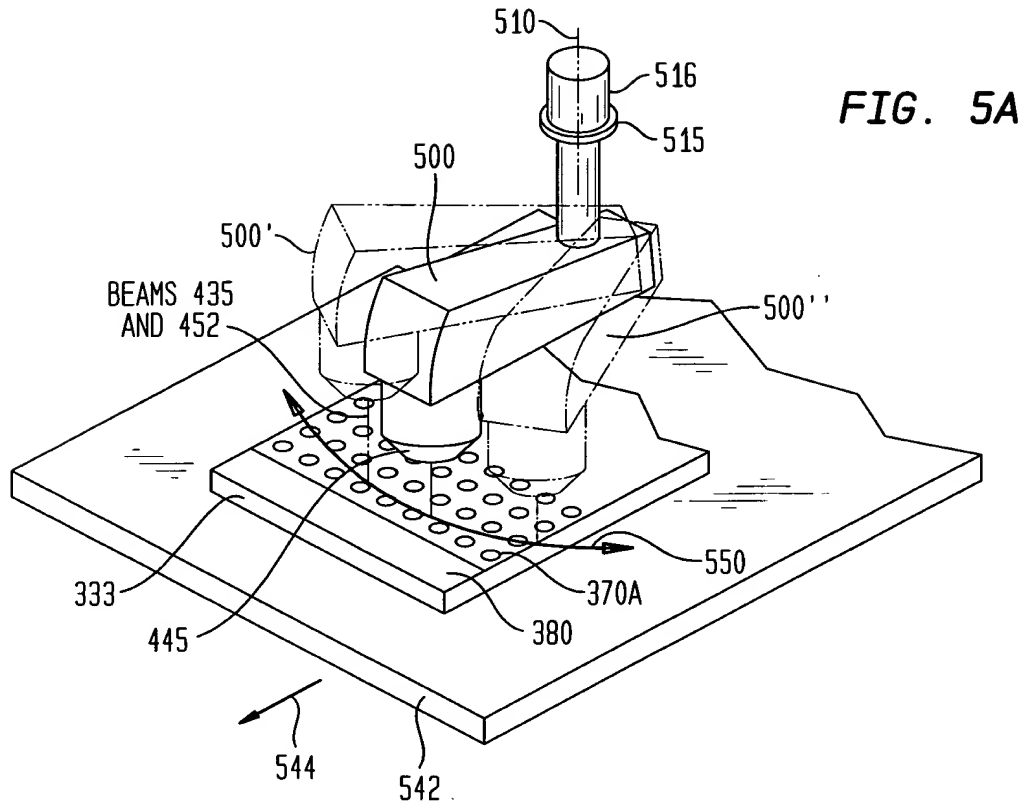


FIG. 5B

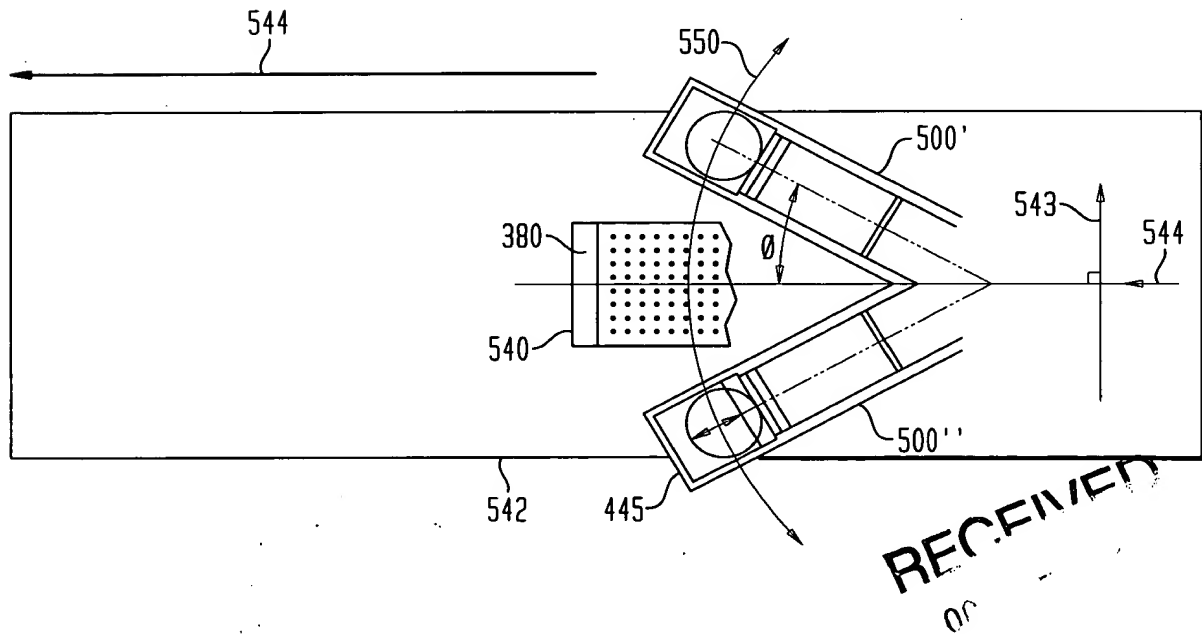


FIG. 6A

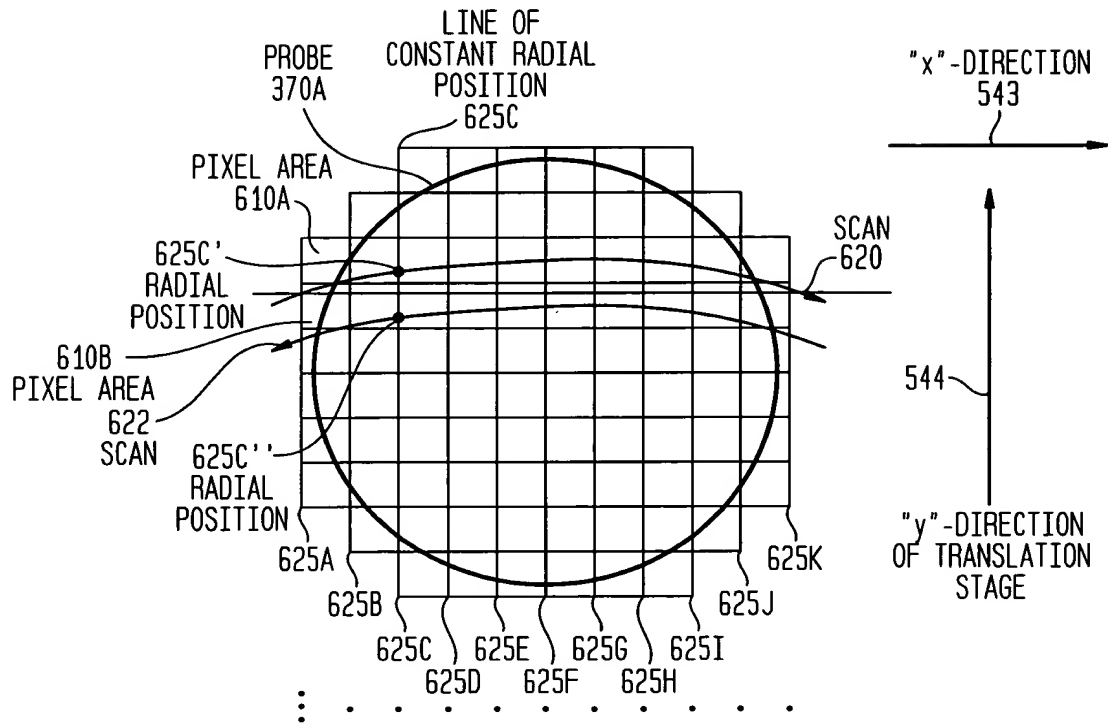


FIG. 6B



FIG. 6C

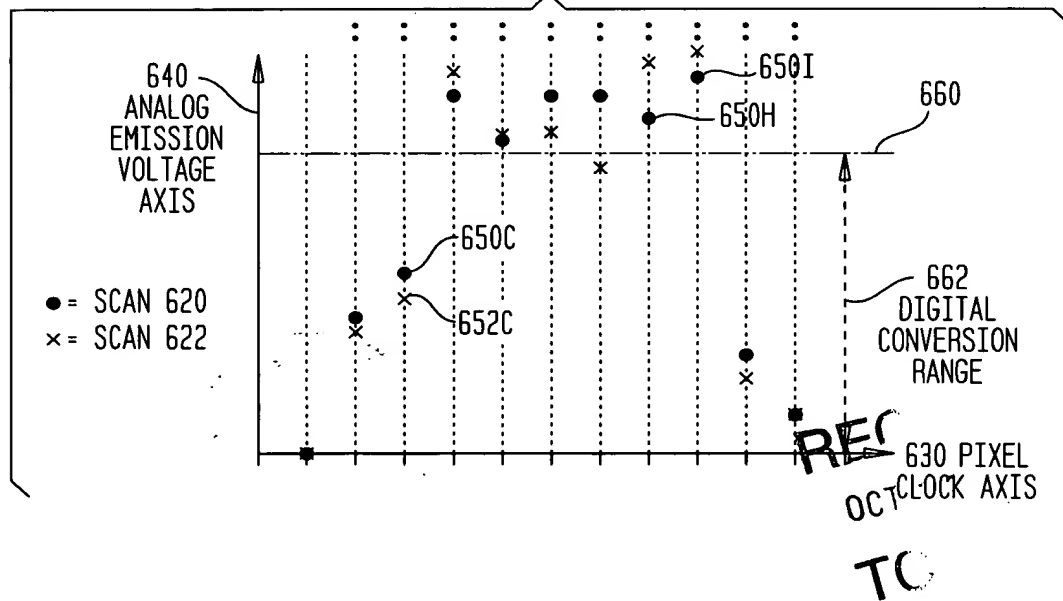


FIG. 7

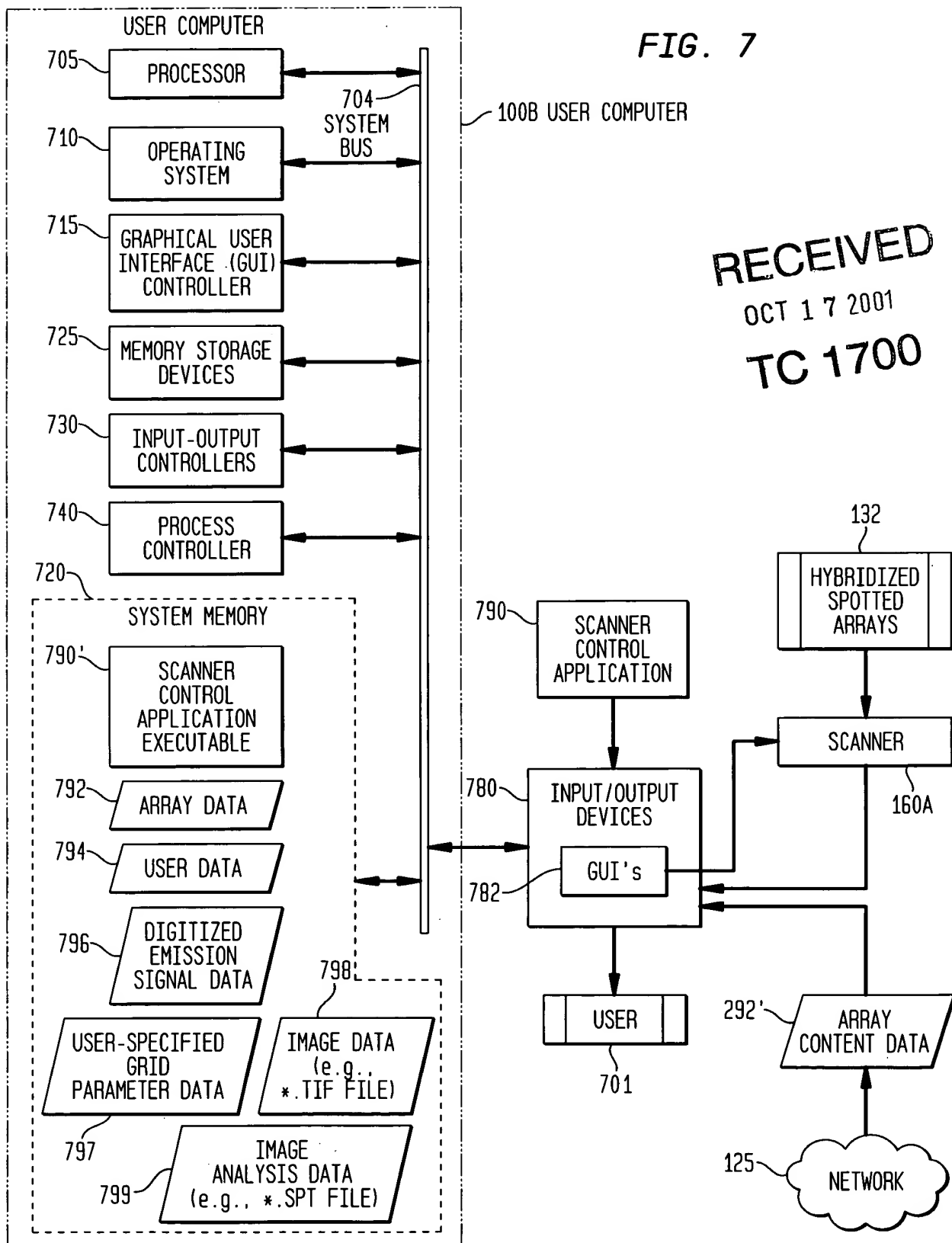
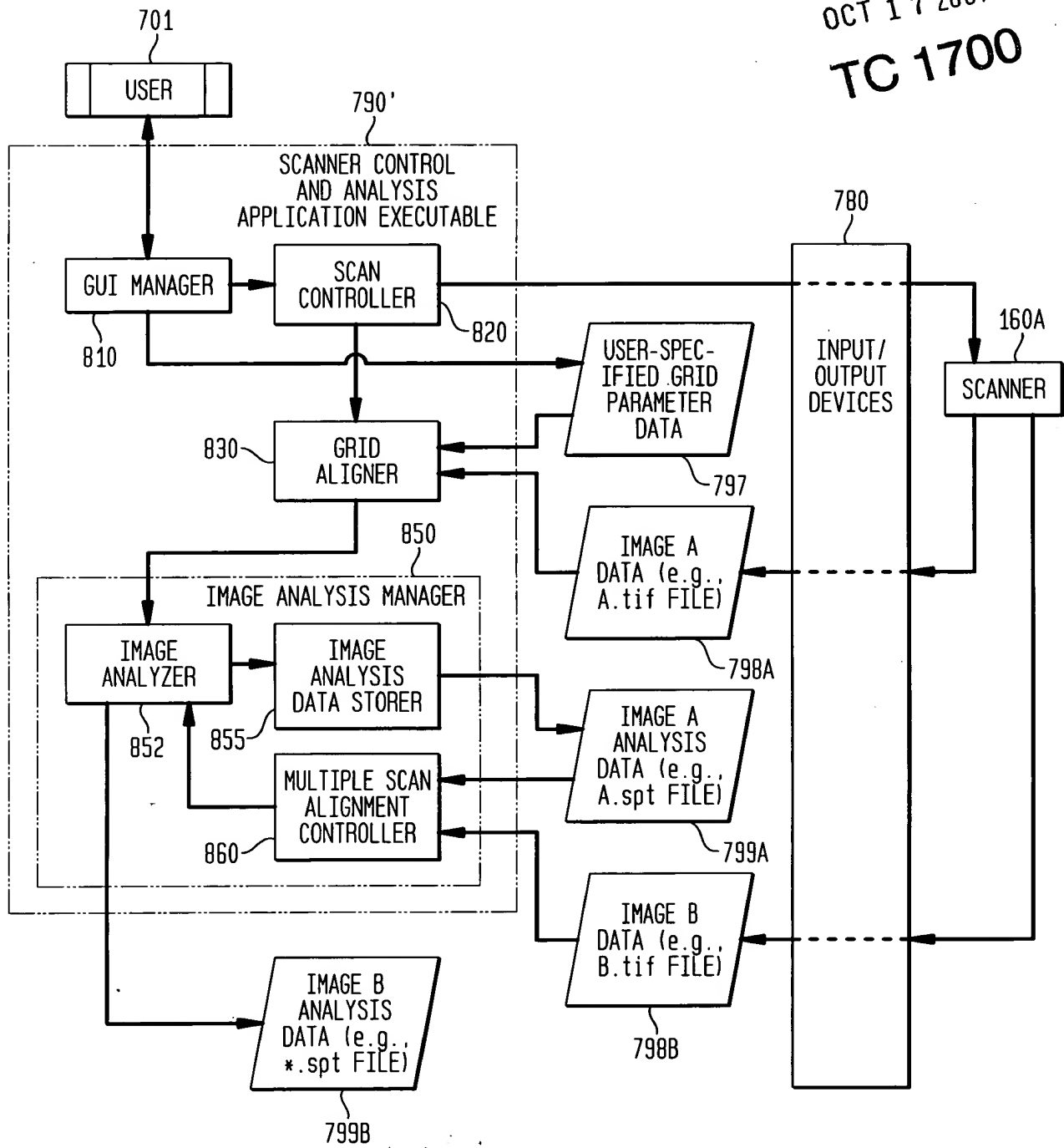


FIG. 8

RECEIVED
OCT 17 2001
TC 1700



9/12

RECEIVED
OCT 17 2001
TC 1700

FIG. 9

GUI
782A

Defaults

Analysis Settings URLs File Locations

Image Settings Configuration

Instrument

Scanner Installed: ☐ Arrayer Pin size: 125

Grid Algorithm

Algorithm Circle: Variable Circle Size

Use this algorithm to get spot circles that vary in diameter across the image. This is useful when the spot sizes vary across the image.

Algorithm Threshold: Easy Threshold

Use this algorithm to ease the threshold used to detect the spots on the array.

OK Cancel

910

920

922

924

10/12

RECEIVED
OCT 17 2001
TC 1700

FIG. 10

GUI
782B

Jaguar 2.0 - [Experiments]

File Edit View Run Tools Window Help

Open Save Print Tree Shorts Status Help

Expts Scan Stop Eject Focus Gain

Data Files

- Experiments
 - Image
 - Spot
 - ART
 - CSV
 - MegaArray-Test1
 - ResGen Pattern

Data File Location: c:\program files\affymetrix\jaguar 2.0\data

Experiment Name:

Operator Name:

Company Name:

Array type:

Description:

ART/CSV File:

Number of Scans:

Substrate:

Scan 1

Due Name:

Gain: db

Laser:

Filter:

Scan Area

X: mm

Y: mm

Width: mm

Height: mm

1030

1020A

1020B

1040

1010

11/12

FIG. 11A

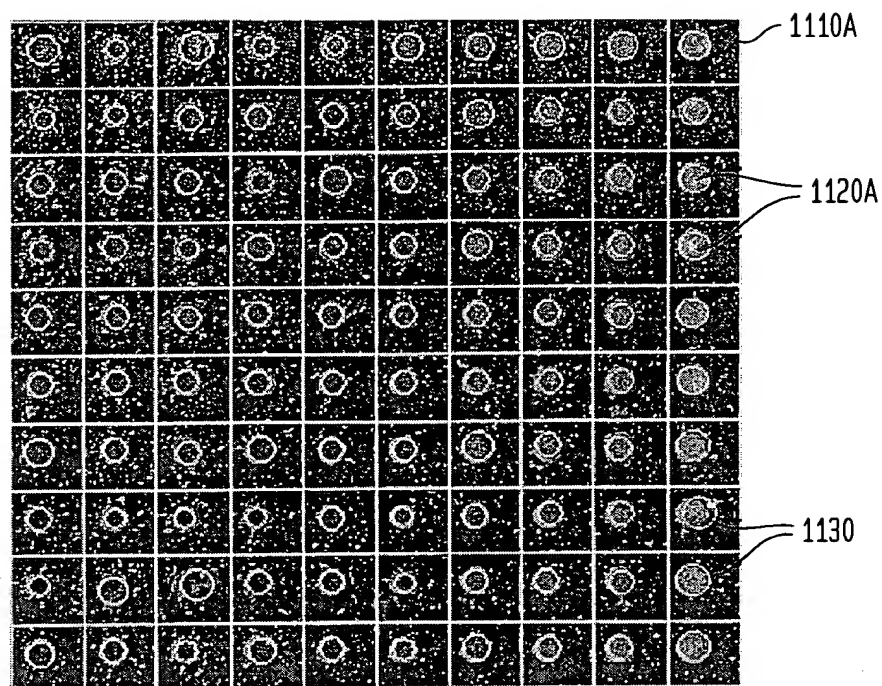
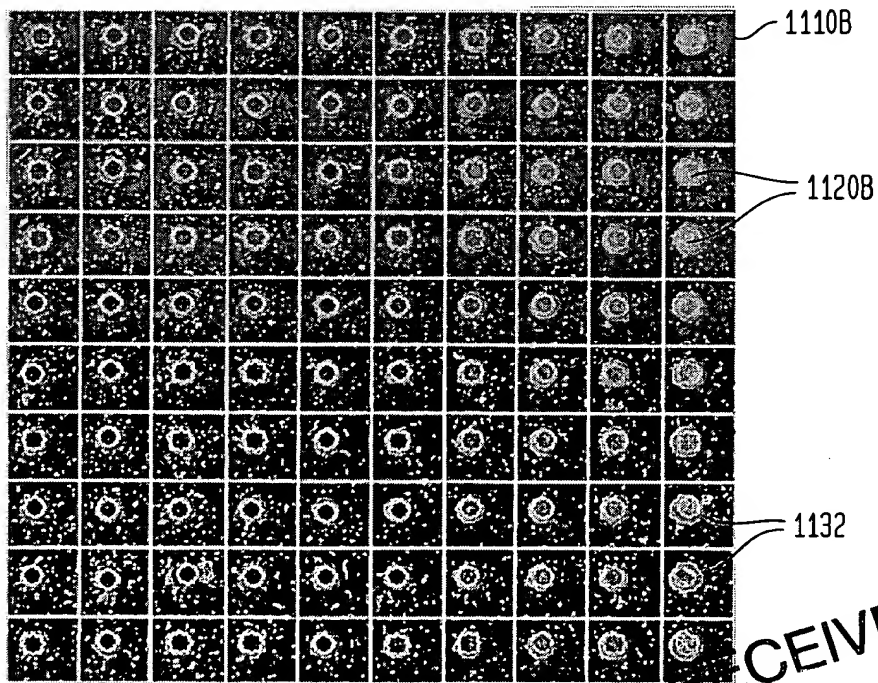


FIG. 11B



RECEIVED
OCT 17 2001
TC 1700

12/12

FIG. 12

RECEIVED
OCT 17 2001
TC 1700

